



March 12, 1981

Mr. Y. J. Kim
EPA Region V
RCRA Activities
P. O. Box 7861
Chicago, Illinois 60680

Dear Mr. Kim:

Please find the enclosed amendment to the Part A Application for CID-Chemical Waste Management - ILL. We have included an additional process to handle hazardous wastes F001-F005 and all of these waste combinations, thereof. The process was designed to blend and filter the ignitable liquids together in tanks to be used for recycling purposes in cement plants. The remaining sludges/solids will be solidified by the addition of flue dust, and will be rendered non-ignitable, non-reactive and/or non-explosive. The remaining solidified waste and original drums will be disposed in a secure chemical landfill.

If you have any questions, please feel free to call.

Sincerely,

Judy Rosenbeck
Staff Engineer

JR/emg
enclosure

EPA Region 5 Records Ctr.



304133

I. FACILITY INFORMATION

EPA I.D. NUMBER

FACILITY NAME

FACILITY MAILING ADDRESS

FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

SKIP C I D - C H E M I C A L W A S T E M A N A G E M E N T O F I L L

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title) B. PHONE (area code & no.)

RAUCH BILL - MANAGER 3 1 2 6 4 6 2 7 7 7

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX B. CITY OR TOWN C. STATE D. ZIP CODE

P O BOX 1306 CALUMET CITY IL 60409

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER B. COUNTY NAME C. CITY OR TOWN D. STATE E. ZIP CODE F. COUNTY CODE (if known)

138 TH & CALUMET EXPRESSWAY COOK CALUMET CITY IL 60409

IC CODES (List in order of priority)

A. FIRST		B. SECOND	
9 3 3	Hazardous Waste Facility	7	(specify)
C. THIRD		D. FOURTH	
(specify)		7	(specify)

OPERATOR INFORMATION

A. NAME		3. Is the item owned by you?
WASTE MANAGEMENT OF ILLINOIS, INC.		<input checked="" type="checkbox"/> YES

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box, if "Other", specify.)		D. PHONE (area code & number)	
FEDERAL	M = PUBLIC (other than federal or state)	C	3 1 2 8 2 1 8
STATE	O = OTHER (specify)	A	
PRIVATE	P		

E. STREET OR P.O. BOX
400 COLLEGE DRIVE

F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
ALOS HEIGHTS	IL	6 0 4 6 3	Is the facility located on Indian land?
			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)
1 0 0 6 1 1 0 7	9 P
B. UIC (Underground Injection of Fluids)	E. OTHER (specify)
9	1 9 7 4 - 3 9 - 0 -
C. RCRA (Hazardous Wastes)	E. OTHER (specify)
9	1 9 7 9 - 1 0 - 0 P
	(specify) Illinois Environmental Protection Agency
	(specify) Illinois Environmental Protection Agency

MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

NATURE OF BUSINESS (provide a brief description)

The C.I.D./Chemical Waste Management of Illinois facility is located on 400 acres of land in Chicago, Calumet City and Burnham, IL. Operations include acid neutralization, aqueous waste filtration, drummed waste transfer, land-fill gas refining, and co-disposal of chemical wastes with municipal solid wastes. Additional operations include process to decant ignitable liquids, to blend, filter and use for recycling purposes. The remaining sludges are mixed with flue dust to solidify, and rendered non-ignitable, non-reactive, and/or non-explosive. Approximately 150 acres of the land has been land-filled to the heights permitted by the state and local regulatory authorities.

CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in this application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
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MENTS FOR OFFICIAL USE ONLY

OFFICIAL USE ONLY
DATE RECEIVED
COMMENTS

I. FIRST OR REVISED APPLICATION

Enter "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)
1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)
2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

YR.	MO.	DAY
72	1	1

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

YR.	MO.	DAY
73	7	3

B. REVISED APPLICATION (place an "X" below and complete Item I above)
1. FACILITY HAS INTERIM STATUS
2. FACILITY HAS A HCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.
1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	501	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	502	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	503	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	504	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or inciner- ators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
Disposal:					
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	O
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

DUP

LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEA- SURE (enter code)				1. AMOUNT	2. UNIT OF MEA- SURE (enter code)	
1	S 0 2	600	G		5	T 0 4	16,500	U	
2	T 0 3	20	E		6	S 0 4	1,200,000	G	
3	D 8 0	12,600	A		7	S 0 1	850	Y	
4	S 0 1	660,000	G		8		(Solid Bulk Storage in Silos)		
5	T 0 4	185,000	U		9	S 0 2	250,000	G	
6	T 0 4	85,400	U		10	T 0 4	22,000	U	

Line 3 T04 185,000 Gals/Day Acid Neutralization
 " 4 T04 86,400 Gals/Day Dewatering
 " 5 T04 16,500 Gals/Day Drum Tipping
 " 10 T04 22,000 Gals/Day Physical treatment of decanting/separating liquids from solids. Liquids are blended and filtered for recycling purposes. Remaining sludges are mixed with flue dust to solidify and are rendered non-ignitable, non-reactive and/or non-explosive.

DESCRIPTION OF HAZARDOUS WASTES

EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

PROCESSES

- PROCESS CODES:**
 For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item I to indicate how the waste will be stored, treated, and/or disposed of at the facility.
 For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.
 Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

- PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

ITEM: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
			1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (If a code is not entered in D(1))
X-1 K 0 5 4	900	P	T 0 3 D 8 0	
X-2 D 0 0 2	400	P	T 0 3 D 8 0	
X-3 D 0 0 1	100	P	T 0 3 D 8 0	
X-4 D 0 0 2				

3

DUP

1	2
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D U I

D. PROCESSES

Form 3510-3 (6-60)

CONTINUE ON REVERS

EPA I.D. NO. (enter from page 1)

I L D 0 1 0 2 8 4 2 4 8

T J A C
6

FACILITY DRAWING

Existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

PHOTOGRAPHS

Existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

4 1 4 0 3 0 0

LONGITUDE (degrees, minutes, & seconds)

0 8 7 3 3 4 5 0

FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (print or type)

B. SIGNATURE

C. DATE SIGNED



Environmental Inc.
1001 N. 1st St. Suite 200
Chicago, IL 60610

March 17, 1981

Mr. Y. J. Kim
EPA Region V
RCRA Activities
P. O. Box 7861

Dear Mr. Kim:

Enclosed, please find an amendment to the Part A Application for
CID-Chemical Waste Management - Illinois. Listed are additional
waste streams to include in our handling capabilities.

If you have any questions, please contact me.

Sincerely,

Judy Rosenbeck
Staff Engineer

JR/emg
enclosure

bcc: Tom Tomaszewski
Bert Fowler
Mahendra Sandesara

FOR OFFICIAL USE ONLY

19

D U P

10	C	
	2	DUP
14	12	13

D. PROCESSES

[illegible]

DESCRIPTION OF HAZARDOUS WASTE (continue)
USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)											
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

FACILITY DRAWING

Existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

I. PHOTOGRAPHS

Existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

II. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

41 40 300

087 33 450

III. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

Lawrence Beck
President - Chem. Waste

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

Lawrence Beck